

Serve & Private Endpoints (Storage Account)

The screenshot displays the Microsoft Azure portal interface for a Storage account. The top navigation bar includes the Microsoft Azure logo, an 'Upgrade' button, a search bar, and a user profile. The main content area shows the 'Overview' page for the storage account 'udaystorageaccount216'. The left sidebar contains a navigation menu with options like Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Partner solutions, Resource visualizer, Data storage, Containers, File shares, Queues, Tables, and Security + networking. The main content area is divided into sections: 'Essentials' (Resource group, Location, Subscription ID, Disk state, Tags), 'Properties' (Blob service settings like Hierarchical namespace, Default access tier, Blob anonymous access, Blob soft delete, Container soft delete, Versioning, Change feed, NFS v3, Allow cross-tenant replication), 'Security' (Require secure transfer for REST API operations, Storage account key access, Minimum TLS version, Infrastructure encryption), and 'Networking' (Public network access, Public network access scope). The bottom of the screen shows a Windows taskbar with various application icons and a system clock.

Home

udaystorageaccount216
Storage account

Search

Upload Open in Explorer Delete Move Refresh Open in mobile CLI / PS Feedback

JSON View

Essentials

Resource group (move) : Urg01

Location : centralus

Subscription ID : 5d75b66d-66bf-44e0-8d7e-7e61e4b043d7

Disk state : Available

Tags (edit) : Add tags

Performance : Standard

Replication : Locally-redundant storage (LRS)

Account kind : StorageV2 (general purpose v2)

Provisioning state : Succeeded

Created : 09/02/2026, 16:44:17

Properties Monitoring Capabilities (7) Recommendations (0) Tutorials Tools + SDKs

Blob service

Hierarchical namespace : Disabled

Default access tier : Hot

Blob anonymous access : Enabled

Blob soft delete : Disabled

Container soft delete : Disabled

Versioning : Disabled

Change feed : Disabled

NFS v3 : Disabled

Allow cross-tenant replication : Disabled

Security

Require secure transfer for REST API operations : Enabled

Storage account key access : Enabled

Minimum TLS version : Version 1.2

Infrastructure encryption : Disabled

Networking

Public network access : Enabled

Public network access scope : Enable from selected virtual networks and IP addresses

Add or remove favorites by pressing Ctrl+Shift+F

The screenshot displays the Microsoft Azure portal interface for a Virtual machine. The top navigation bar includes the Microsoft Azure logo, an 'Upgrade' button, a search bar, and a user profile. The main content area shows the 'Overview' page for the virtual machine 'Uvm01'. The left sidebar contains a navigation menu with options like Activity log, Access control (IAM), Tags, Diagnose and solve problems, Monitor, Resource visualizer, Connect, Networking, Network settings, Load balancing, Application security groups, Network manager, Settings, Disks, and Extensions + applications. The main content area is divided into sections: 'Essentials' (Resource group, Status, Location, Subscription ID, Subscription ID), 'Properties' (Virtual machine settings like Computer name, Operating system, VM generation, VM architecture), and 'Networking' (Public IP address, Private IP address). The bottom of the screen shows a Windows taskbar with various application icons and a system clock.

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20260209164636 | Overview

Uvm01
Virtual machine

Search

Help me copy this VM in any region Manage this VM with Azure CLI

Connect Start Restart Stop Hibernate Capture Delete Refresh Scale Open in mobile Feedback CLI / PS

JSON View

Essentials

Resource group (move) : Urg01

Status : Running

Location : Central US

Subscription (move) : Azure subscription 1

Subscription ID : 5d75b66d-66bf-44e0-8d7e-7e61e4b043d7

Operating system : Windows (Windows Server 2025 Datacenter)

Size : Standard DC1ds v3 (1 vcpu, 8 GiB memory)

Primary NIC public IP : 130.131.219.65

Virtual network/subnet : vnet-centralus/snet-centralus-1

DNS name : Not configured

Health state : -

Time created : 09/02/2026, 11:19 UTC

Tags (edit) : Add tags

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

Computer name : Uvm01

Operating system : Windows (Windows Server 2025 Datacenter)

VM generation : V2

VM architecture : x64

Networking

Public IP address : 130.131.219.65 (Network interface uvm01935)

1 associated public IPs

Public IP address (IPv6) : -

Private IP address : 172.17.0.4

Add or remove favorites by pressing Ctrl+Shift+F

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot

Home

ucon1 Container

Search

+ Add Directory Upload Change access level Refresh Delete Copy Paste Rename Acquire lease Break lease Edit columns

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

ucon1

Authentication method: Access key (Switch to Microsoft Entra user account)

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

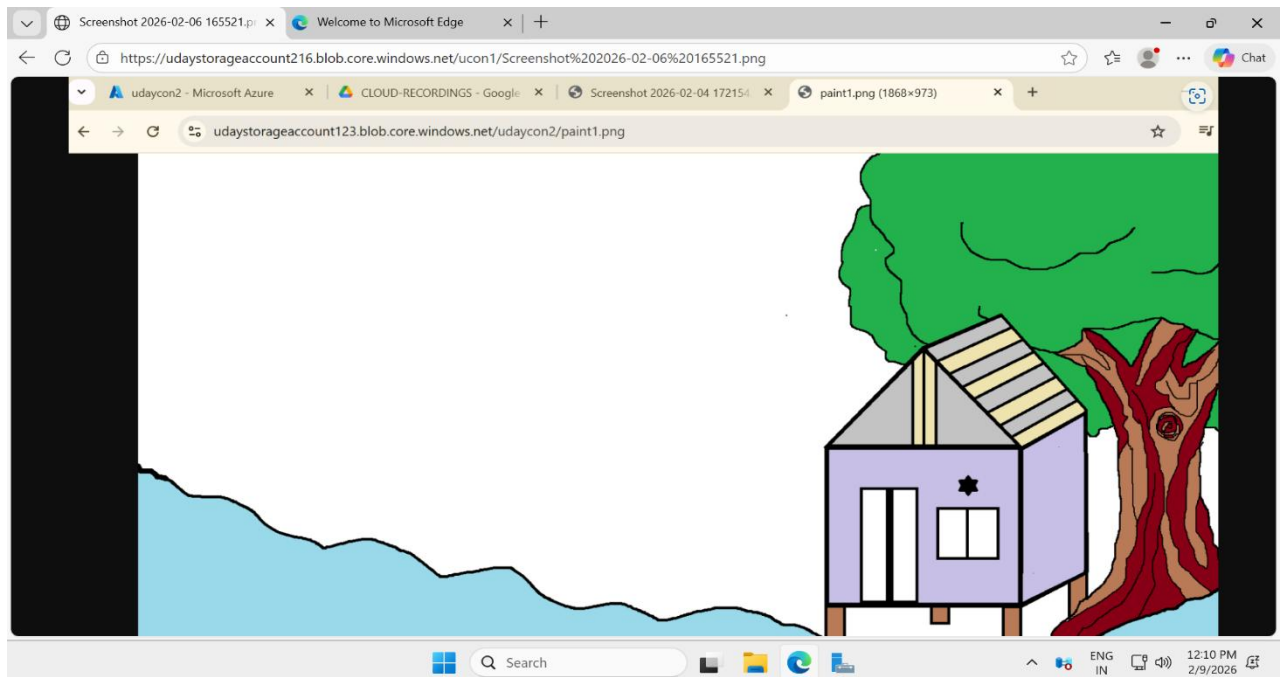
Showing all 1 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size	Lease state
<input type="checkbox"/>	Screenshot 2026-02-06 165521.png	09/02/2026, 16:52:31	Hot (Inferred)	Block blob	144.18 KiB	Available

Copy url and Browse on my laptop and internal Vm01 we get below result



Uvm01



Public network access ...

⚠ Enabling public network access will make this resource available publicly. Unless public access is required, consider using the most restricted access possible.

Public network access scope * ⓘ

- ☐ Enable from all networks
- ☒ Enable from selected networks

⚠ If you choose default action as 'Enable from selected networks', please add at least one IP firewall rule or a Virtual Network.

Virtual Networks

Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network ▾

Add existing virtual network		
Add new virtual network	Subnet	Address Range

IPv4 Addresses

Allow select public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address ("49.206.40.158")

IPv4 address or CIDR

Resource instances

Save Cancel

Microsoft Azure Upgrade

Search resources, services, and docs (G+/)

Copilot

reddytkp2004@gmail.co...
DEFAULT DIRECTORY (REDDYTKP...

Home > udastorageaccount216 | Networking

Public network access ...

⚠ Enabling public network access will make this resource available publicly. Unless public access is required, consider using the most restricted access possible.

Public network access scope * ⓘ

☐ Enable from all networks

☒ Enable from selected networks

⚠ If you choose default action as 'Enable from selected networks', please add at least one IP firewall rule or a Virtual Network. Set public network access as 'Disabled' if you want to restrict all traffic to this resource.

Virtual Networks

Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network ▾

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group
-----------------	--------	---------------	-----------------	----------------

IPv4 Addresses

Allow select public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address ("49.206.40.158")

IPv4 address or CIDR

Resource instances

Save Cancel

Add networks

Subscription *

Azure subscription 1

Virtual networks *

vnet-centralus

Subnets *

snet-centralus-1 (Service endpoint required)

The following networks don't have service endpoints enabled for 'Microsoft.Storage'. Enabling access will take up to 15 minutes to complete. After starting this operation, it is safe to leave and return later if you do not wish to wait.

Virtual network	Service endpoint status
✓ vnet-centralus	***
snet-centralus...	Not enabled ***

Enable

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

Home > udaystorageaccount216 | Networking

Public network access

Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group	Subscription
> vnet-centralus	1	172.17.0.0/16		urg01	Azure subscription 1

IPv4 Addresses

Allow select public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address ("49.206.40.158")

IPv4 address or CIDR

Resource instances

Specify resource instances that will have access to your storage account based on their system-assigned managed identity. [Learn more](#)

Resource type

Instance name

Select a resource type

Select one or more instances

Save

Cancel

CLOUD-RECORDINGS - GooglePublic network access - MicrosUvm01 - Microsoft Azureudaystorageaccount216.blob.c

udaystorageaccount216.blob.core.windows.net/ucon1/Screenshot%202026-02-06%20165521.png

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="utf-8"?><Error><Code>AuthorizationFailure</Code><Message>This request is not authorized to perform this operation. RequestId:7240b528-f01e-0008-2dba-99fc6b000000 Time:2026-02-09T11:50:00.9755856Z</Message></Error>
```

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

reddykp2004@gmail.co...
DEFAULT DIRECTORY (REDDYKP...

Home > udaystorageaccount216 | Containers

ucon1
Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

This request is not authorized to perform this operation.

Summary

Session ID
a104cfae9cdc46f7b63302455334dad9

Resource ID
/subscriptions/5d75b66d-66bf-44e0-8d7e-7e61e4b043...

Extension
Microsoft_Azure_Storage


Content
BlobsView.ReactView

Error code
403

Storage Request ID
c115624e-301e-004a-4bc1-9945eb000000

Details

- This request is not authorized to perform this operation. RequestId:c115624e-301e-004a-4bc1-9945eb000000 Time:2026-02-09T12:41:36.6682673Z
- This storage account's 'Firewalls and virtual networks' settings may be blocking access to storage services. Try adding your client IP address ('49.206.40.158') to the firewall exceptions, or by allowing access from 'all networks' instead of 'selected networks'. [Learn more](#)



Enter Keywords or IP Address...

Search

MY IP

IP LOOKUP

HIDE MY IP

VPNS

My IP Address is:

IPv6: 2001:4860:7:806::f0

IPv4: 49.206.40.158

My IP Information:

Are you using a VPN?

Public network access

Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group	Subscription
> vnet-centralus	1	172.17.0.0/16		urg01	Azure subscription 1

IPv4 Addresses

Allow select public internet IP addresses to access your resource. [Learn more](#)

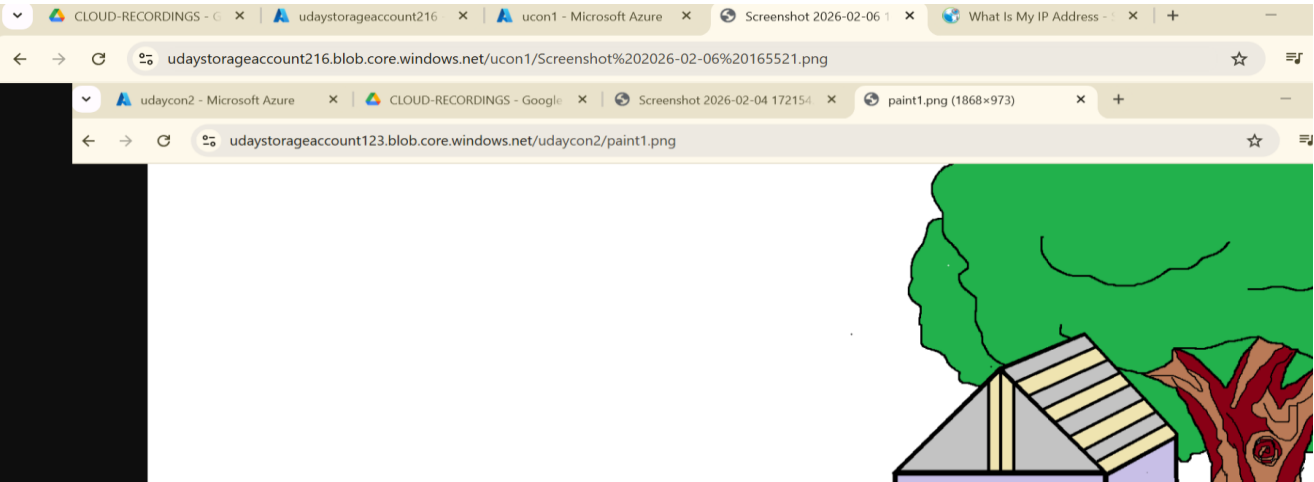


Resource instances

Specify resource instances that will have access to your storage account based on their system-assigned managed identity. [Learn more](#)

Save

Cancel



Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > udaystorageaccount216 | Containers

ucon1 Container

Search

+ Add Directory ↑ Upload 🔒 Change access level ↻ Refresh 🗑 Delete 📄 Copy 📄 Paste 🔄 Rename 🔗 Acquire lease 🔗 Break lease 🛠 Edit column

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

ucon1

Authentication method: Access key (Switch to Microsoft Entra user account)

Add filter

Search blobs by prefix (case-sensitive)

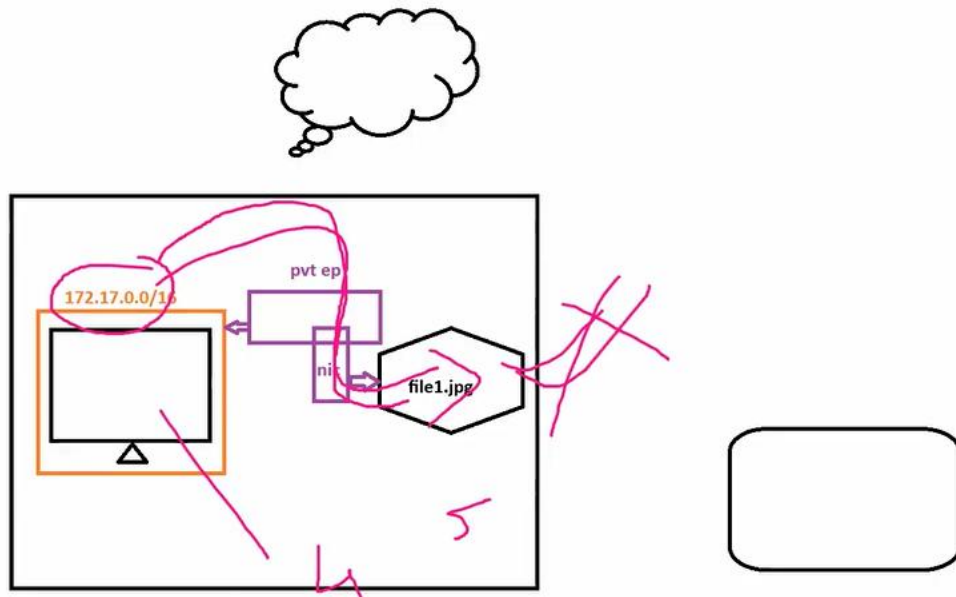
Only show active blobs

Showing all 1 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size	Lease state
<input type="checkbox"/>	📄 Screenshot 2026-02-06 165521.png	09/02/2026, 16:52:31	Hot (Inferred)	Block blob	144.18 KiB	Available

✓ Private endpoint

Service endpoint
Private Endpoint



Home > Network foundation | Private endpoints

Create a private endpoint

⚠ Changes you make on this tab may affect any configuration you've done on other tabs. Review all options prior to creating the private endpoint.

✓ Basics (2) Resource (3) Virtual Network (4) DNS (5) Tags (6) Review + create

Use private endpoints to privately connect to a service or resource. Your private endpoint must be in the same region as your virtual network, but can be in a different region from the private link resource that you are connecting to. [Learn more](#)

Project details

Subscription * ⓘ Azure subscription 1

Resource group * ⓘ Urg01 [Create new](#)

Instance details

Name * UstorageEP ✓

Network Interface Name * UstorageEP-nic ✓

Region * Central US

< Previous Next : Resource >

Create a private endpoint ...

✓ Basics **2 Resource** 3 Virtual Network 4 DNS 5 Tags 6 Review + create

Private Link offers options to create private endpoints for different Azure resources, like your private link service, a SQL server, or an Azure storage account. Select which resource you would like to connect to using this private endpoint. [Learn more](#)

Connection method ⓘ	<input checked="" type="radio"/> Connect to an Azure resource in my directory. <input type="radio"/> Connect to an Azure resource by resource ID or alias.
Subscription * ⓘ	<div>Azure subscription 1</div>
Resource type * ⓘ	<div>Microsoft.Storage/storageAccounts</div>
Resource * ⓘ	<div>udaystorageaccount216</div>
Target sub-resource * ⓘ	<div>blob</div>

[< Previous](#) [Next : Virtual Network >](#)

[Home](#) > [Network foundation](#) | [Private endpoints](#)

Create a private endpoint ...

✓ Basics ✓ Resource **3 Virtual Network** 4 DNS 5 Tags 6 Review + create

Networking

To deploy the private endpoint, select a virtual network subnet. [Learn more](#)

Virtual network ⓘ	<div>vnet-centralus (Urg01)</div>
Subnet * ⓘ	<div>snet-centralus-1</div>
Network policy for private endpoints	Disabled (edit)

Private IP configuration

- ☒ Dynamically allocate IP address
☐ Statically allocate IP address

Application security group

Configure network security as a natural extension of an application's structure. ASG allows you to group virtual machines and define network security policies based on those groups. You can specify an application security group as the source or destination in an NSG security rule [Learn more](#)

[< Previous](#) [Next : DNS >](#)

- ✓ Above private ip configuration
 - Dynamically allocate ip address will create DNS at backend default and it will map name to private ip

Create a private endpoint ...

- ✓ Basics
- ✓ Resource
- ✓ Virtual Network
- 4 DNS**
- 5 Tags
- 6 Review + create

Private DNS integration

To connect privately with your private endpoint, you need a DNS record. We recommend that you integrate your private endpoint with a private DNS zone. You can also utilize your own DNS servers or create DNS records using the host files on your virtual machines. [Learn more](#)

Integrate with private DNS zone ☒ Yes ☐ No

Configuration name	Subscription	Resource group	Private DNS zone
privatelink-blob-core-win...	Azure subscription 1	Urg01	(new) privatelink.blob.cor...

Create a private endpoint ...

✓ Validation passed

- ✓ Basics
- ✓ Resource**
- ✓ Virtual Network
- ✓ DNS
- ✓ Tags
- 6 Review + create**

Basics

Subscription	Azure subscription 1
Resource group	Urg01
Region	Central US
Name	UstorageEP
Network Interface Name	UstorageEP-nic

Resource

Subscription ID	5d75b66d-66bf-44e0-8d7e-7e61e4b043d7 (Azure subscription 1)
Link type	Microsoft.Storage/storageAccounts
Resource group	Urg01
Resource	udaystorageaccount216
Target sub-resource	blob

Virtual Network

Virtual network resource group	Urg01
Virtual network	vnet-centralus
Subnet	snet-centralus-1 (172.17.0.0/24)
Network Policies	Disabled
Application security groups	None

DNS

Integrate with private DNS zone?	Yes
Statically allocate Private IP	No
Private DNS zone resource group	Urg01
Private DNS zone	privatelink.blob.core.windows.net

Tags

None

+ Create

Manage view

Refresh

Export to CSV

Open query

Assign tags

Delete

+ Add to service group

You are viewing a new version of Browse experience. Click here to access the old experience.

Filter for any field...

Subscription equals all

Resource Group equals all

Location equals all

+ Add filter

<input type="checkbox"/>	Name ↑	Number of record ...	Max number of rec...	Number of virtual ...	Number of virtual ...	Resource Group	Subscription
<input checked="" type="checkbox"/>	privatelink.blob.core.windows.net	2	25,000	1 / 1000	0 / 100	Urg01	Azure subscription 1
<input type="checkbox"/>	privatelink.blob.core.windows.net	2	25,000	1 / 1000	0 / 100	VRG1	Azure subscription 1

Home > Private DNS zones > privatelink.blob.core.windows.net

Private DNS zo...

Default Directory (reddylkp2004gmail.onmicrosoft.com)

+ Create

Group by none

You are viewing a new version of Browse experience. Click here to access the old experience.

<input type="checkbox"/>	Name ↑
<input type="checkbox"/>	privatelink.blob.core.windows.net
<input type="checkbox"/>	privatelink.blob.core.windows.net

Showing 1 - 2 of 2. Display count: auto

privatelink.blob.core.windows.net | Recordsets

Private DNS zone

Search

+ Add

Refresh

Delete

Give feedback

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Resource visualizer
- Settings
- DNS Management
 - Recordsets
- Virtual Network Links
- Monitoring
- Automation
- Help

A record set is a collection of records in a zone that have the same name and are the same type. Record Sets will be automatically fetched in batches of 100 as you scroll through the existing record sets. [Learn more](#)

Search

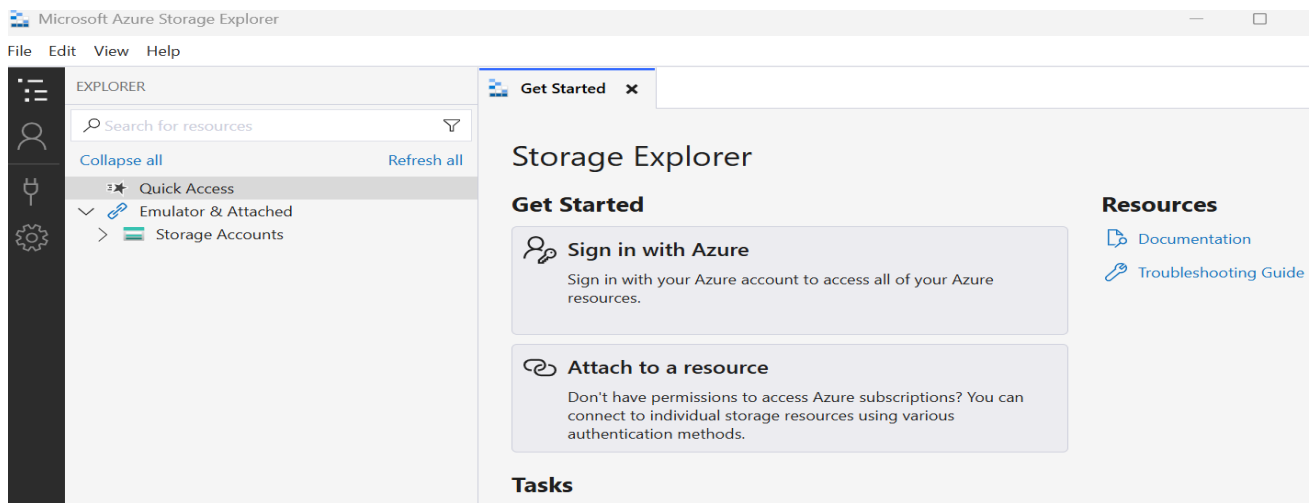
Fetches 2 record set(s).
1 record sets selected

Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
udaystorageacco unt216	A	10	172.17.0.5	False

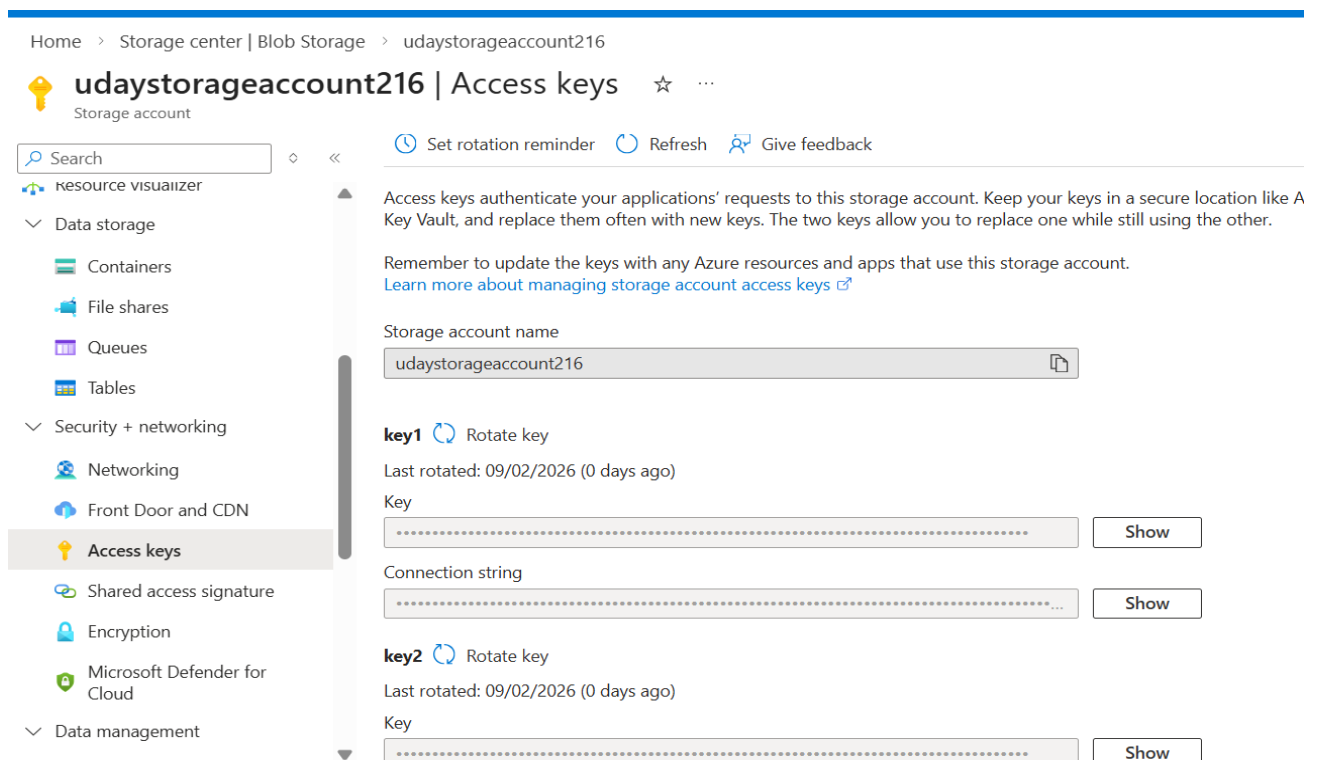
Access Level

- ✓ **Portal Access**
- ✓ **Access Keys:** All admin rights on the Storage
- ✓ **SAS Keys:** Shared access Signature
- ✓ **RBAC (Role Based Access Control)**

To access storage, we have to install **Azure Storage Explorer**











For Access keys- Go to Storage Account and Access keys shown below.



❖ Copy above **Key** and **Name** and paste on **Azure Storage Explorer**

What kind of Azure resource do you want to connect to?

-  **Subscription**
Sign in to Azure to access storage resources such as blobs, files, queues, and tables under subscriptions you have access to. >
-  **Storage account or service**
Attach to one or more services in a Storage account. >
-  **Blob container or directory**
Attach to an individual Blob container or directory. >
-  **ADLS Gen2 container or directory**
Attach to an individual ADLS Gen2 container or directory. >
-  **File share**
Attach to an individual File share. >
-  **Queue**
Attach to an individual queue. >
-  **Table**
Attach to an individual table. >
-  **Local storage emulator**
Attach to resources managed by a storage emulator running on your local machine. >

Connect to Azure Storage

Select Connection Method

Select Resource > **Select Connection Method** > Enter Connection Info > Summary

How will you connect to the storage account?

- ☐ Connection string (Key or SAS)
- ☐ Shared access signature URL (SAS)
- ☒ Account name and key

Connect to Azure Storage

Select Resource > Select Connection Method > **Enter Connection Info** > Summary

Display name:

udaystorageaccount216-1

* Account name:

udaystorageaccount216

* Account key:

794eTtQLHO1FAjYdu7WF9zwmHN8MNYHdtqfQG7nCoCt6RK8kIGz3Oohgoc0BPllRoQcOn18ezl5M+ASrSvMjQ==

Storage domain:

- ☒ Azure (core.windows.net)
- ☐ Azure China (core.chinacloudapi.cn)
- ☐ US Government (core.usgovcloudapi.net)
- ☐ Other:

core.windows.net

☐ Use HTTP (not recommended)

Summary

Select Resource > Select Connection Method > Enter Connection Info > **Summary**

The following settings will be used to connect to your resource:

Display name: udaystorageaccount216-1
Account name: udaystorageaccount216
Account key: 794eTtQLHO1FAjYdu7WF9zwmHN8MNYHdtqfQG7nCoCt6RK8kIGz3Oohgoc0BPllRoQcOn18ezl5M+AStRSvMjQ=
Endpoint suffix: core.windows.net
Default endpoints protocol: https

⚠ Make sure you only connect to resources you trust.

EXPLORER

Search for resources

Collapse all

Refresh all

> (Attached Containers)

> (Emulator - Default Ports) (Key)

> udaystorageaccount216-1 (Key)

Blob Containers

View all

> File Shares

> Queues

> Tables

> udaystorageaccount216-2 (Key)

Blob Containers

View all

> File Shares

> Queues

> Tables

Actions

Properties

Node Display Name

Custom Domain

Soft Delete

Blob Containers

Disabled

ucon1

Get Started

Settings

udaystorageaccount216

Open

Create

Select All

Copy

Paste

Clone

Delete

Refresh

Filter by prefix (case-sensitive)

Name	Last Modified	Public Access Level
ucon1	09/02/2026 16:51	blob

Showing 1 to 1 of 1 cached items

Clear completed

Clear successful

Successfully added new connection.

Successfully added new connection.

❖ For Upload anything we can Upload based on Requirement

EXPLORER

Search for resources

Collapse all

Refresh all

> (Attached Containers)

> (Emulator - Default Ports) (Key)

> udaystorageaccount216-1 (Key)

Blob Containers

View all

> File Shares

> Queues

> Tables

> udaystorageaccount216-2 (Key)

Blob Containers

View all

> File Shares

> Queues

> Tables

ucon1

Get Started

Settings

udaystorageaccount216

Upload

Download

Open

Preview

New Folder

Select All

Copy

Paste

Clone

More

Active blobs (default)

ucon1

Name	Access Tier	Access Tier Last Mo
Screenshot 2026-02-06 165521.png	Hot (inferred)	

Showing 1 to 1 of 1 cached items

- **Privately** By using **Access keys**, we can **login** to **storage account** and also upload any files from local **laptop to cloud** and **On-premise to Cloud** based on Authorization.
- But by doing this we get full Access like Admin Access, this is not good at organisation level to restrict this we use **SAS Keys**.

❖ SAS Keys

3. SAS key: Shared access signature

REstrict the access

which data storage

blob, file share

read, write

Ip address

how mins

Home > Storage center | Blob Storage > udaystorageaccount216

udaystorageaccount216 | Shared access signature ☆ ...

Storage account

Search < Give feedback

- Data storage
 - Containers
 - File shares
 - Queues
 - Tables
- Security + networking
 - Networking
 - Front Door and CDN
 - Access keys
 - Shared access signature**
 - Encryption
 - Microsoft Defender for Cloud
- Data management

A shared access signature (SAS) is a URI that grants restricted access rights to Azure Storage resources. You can provide a shared access signature to clients who should not be trusted with your storage account key but whom you wish to delegate access to certain storage account resources. By distributing a shared access signature URI to these clients, you grant them access to a resource for a specified period of time.

An account-level SAS can delegate access to multiple storage services (i.e. blob, file, queue, table). Note that stored access policies are currently not supported for an account-level SAS.

[Learn more about creating an account SAS](#)

Allowed services ⓘ

☒ Blob ☐ File ☐ Queue ☐ Table

Allowed resource types ⓘ

☒ Service ☒ Container ☒ Object

Allowed permissions ⓘ

☒ Read ☒ Write ☒ Delete ☒ List ☒ Add ☒ Create ☐ Update ☐ Process ☒ Immutable storage ☒ Permanent delete

Blob versioning permissions ⓘ

☒ Enables deletion of versions

Allowed blob index permissions ⓘ

☒ Read/Write ☒ Filter

Add or remove functions by clicking the + or - icons

udaystorageaccount216 | Shared access signature ☆ ...

Storage account

Search

Give feedback

Data storage

Containers

File shares

Queues

Tables

Security + networking

Networking

Front Door and CDN

Access keys

Shared access signature

Encryption

Microsoft Defender for Cloud

Data management

Allowed protocols

☒ HTTPS only ☐ HTTPS and HTTP

Preferred routing tier

☒ Basic (default) ☐ Microsoft network routing ☐ Internet routing

Some routing options are disabled because the endpoints are not published.

Signing key

key1

Generate SAS and connection string

Connection string

BlobEndpoint=https://udaystorageaccount216.blob.core.windows.net/QueueEndpoint=https://udaystorageaccount216.queue.core.windows.net/FileEndpoint=https://udaystorageacco...

SAS token

sv=2024-11-04&ss=b&srt=sco&sp=rwdlaciylfx&se=2026-02-09T23:36:00Z&st=2026-02-09T15:21:00Z&spr=https&sig=abnzGfI68x89oHP7aJRPQ%2B%2F8vibHoNifA%2BbLgK83%2Fr...

Blob service SAS URL

https://udaystorageaccount216.blob.core.windows.net/?sv=2024-11-04&ss=b&srt=sco&sp=rwdlaciylfx&se=2026-02-09T23:36:00Z&st=2026-02-09T15:21:00Z&spr=https&sig=abnzGF...

Copied

Enter Connection Info

Select Resource > Select Connection Method > Enter Connection Info > Summary

Display name:

udaystorageaccount216-3sas

* Service URL:

https://udaystorageaccount216.blob.core.windows.net/?sv=2024-11-04&ss=b&srt=sco&sp=rwdlaciylfx&se=2026-02-09T23:36:00Z&st=2026-02-09T15:21:00Z&spr=https&sig=abnzGfI68x89oHP7aJRPQ%2B%2F8vibHoNifA%2BbLgK83%2Fr...

Summary

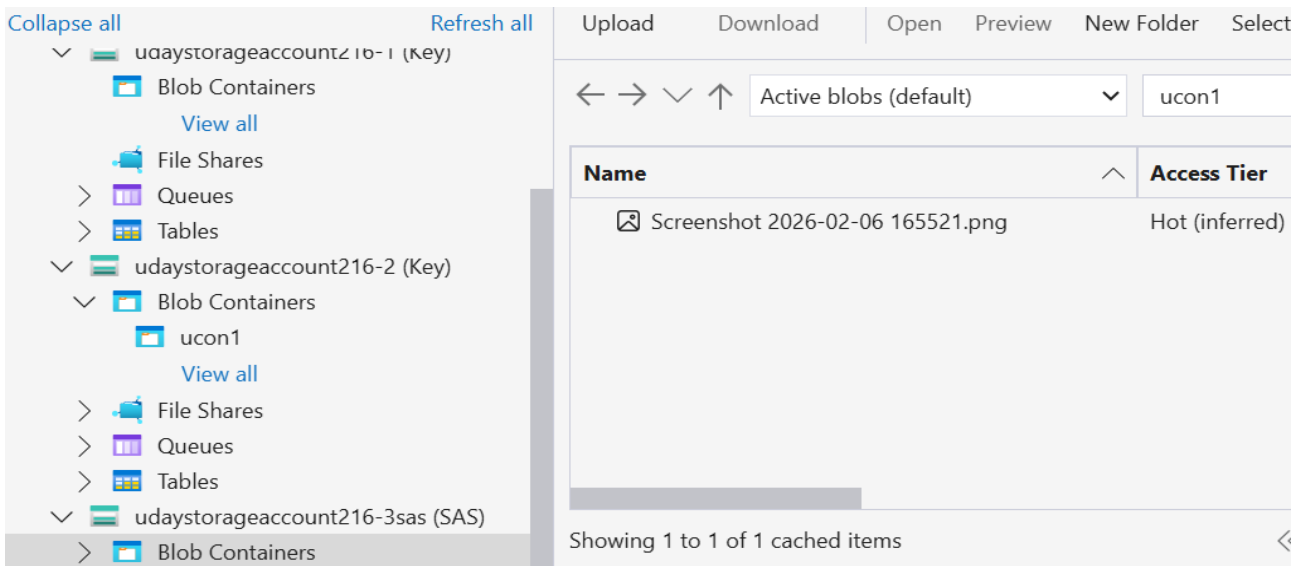
Select Resource > Select Connection Method > Enter Connection Info > Summary

The following settings will be used to connect to your resource:

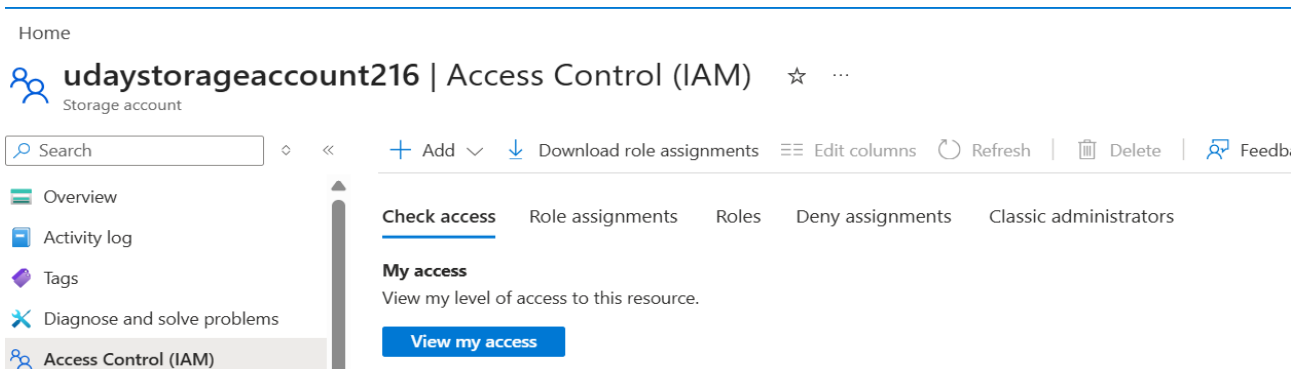
Display name:	udaystorageaccount216-3sas
Account name:	udaystorageaccount216
Blob endpoint:	https://udaystorageaccount216.blob.core.windows.net/
SAS:	sv=2024-11-04&ss=b&srt=sco&sp=rwdlaciylfx&se=2026-02-09T23:36:00Z&st=2026-02-09T15:21:00Z&spr=https&sig=abnzGfI68x89oHP7aJRPQ%2B%2F8vibHoNifA%2BbLgK83%2Fr...
Service access:	Blob
Resource type access:	Service, Container, Object
Permissions:	Read, Write, Delete, List, Add, Create, Set immutability policy, Permanent delete, Tag, Filter, Delete version

Make sure you only connect to resources you trust.

✓ We can see Blob only in our Storage



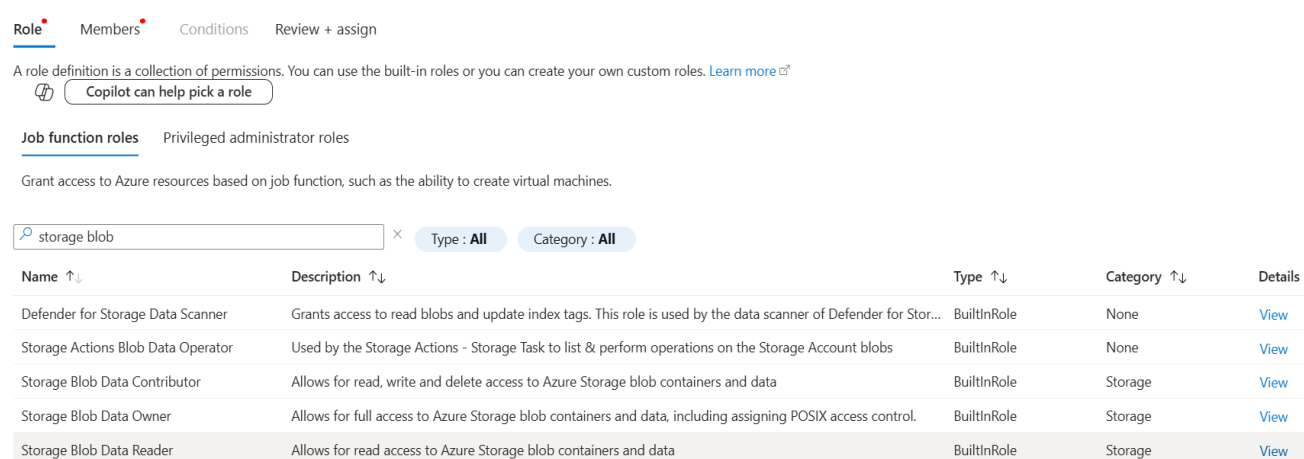
➤ **Role Based Access Control (RBAC)**



✓ **Job function role - Limited Access**

✓ **Privileged administrator roles - Full Access**

Add role assignment ...



Add role assignment

Role Members Conditions Review + assign

A role definition is a collection of permissions. You can use the built-in roles or you can create your own.

Job function roles Privileged administrator roles

Grant access to Azure resources based on job function, such as the ability to create virtual machines.

storage blob reader Type: All Category

Name ↑ Description ↑

Name	Description
Storage Blob Data Reader	Allows for read access to Azure Storage blob containers and data

Showing 1 - 1 of 1 results.

Storage Blob Data Reader
Built-in role

Permissions JSON Assignments

Description: Allows for read access to Azure Storage blob containers and data

Search permissions

Type: All

Permission Type
☒ Actions ☐ DataActions

Showing 3 of 3 permissions

Type	Permissions	Description
Microsoft.Storage		
Other	Generate a user delegation key	Returns a user delegation key for the blob service
Read	Get blob container	Returns a container
Read	List of blob containers	Returns list of containers

❖ File Share

- ✓ Create file share and add directory and click on Connect.
- ✓ Copy below script based on which machine.
- ✓ Login to that machine using below Script, Paste in Administration: Windows PowerShell

Home > udaystorageaccount216 | File shares > New file share

ufilesshare
SMB File share

Search < > Connect Upload Refresh Add directory Delete share Change tier Edit quota Give feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Browse

Operations

Essentials

Storage account: udaystorageaccount216 Share URL

Resource group (move): Uro01 Redundancy

Location: Central US Configuration modified

Subscription (move): Azure subscription 1

Subscription ID: 5d75b66d-66bf-44e0-8d7e-7e61e4b043d7

Properties Capabilities (2) Tutorials

Size

Maximum storage (GiB): 102400

Used storage capacity (GiB): 0

Access tier: Transaction optimized

Performance

IOPS: Varies by region. Learn more

Throughput (MiB/sec): Varies by region. Learn more

Feature status

Soft delete

Large file shares

Identity-based access

Directory service

Domain

SMB protocol settings

Connect

ufilesshare

Windows Linux macOS

To connect to this Azure file share from Windows, choose from the following authentication methods and run the PowerShell commands from a normal (not elevated) PowerShell terminal:

Drive letter: Z

Authentication method

☐ Active Directory or Microsoft Entra

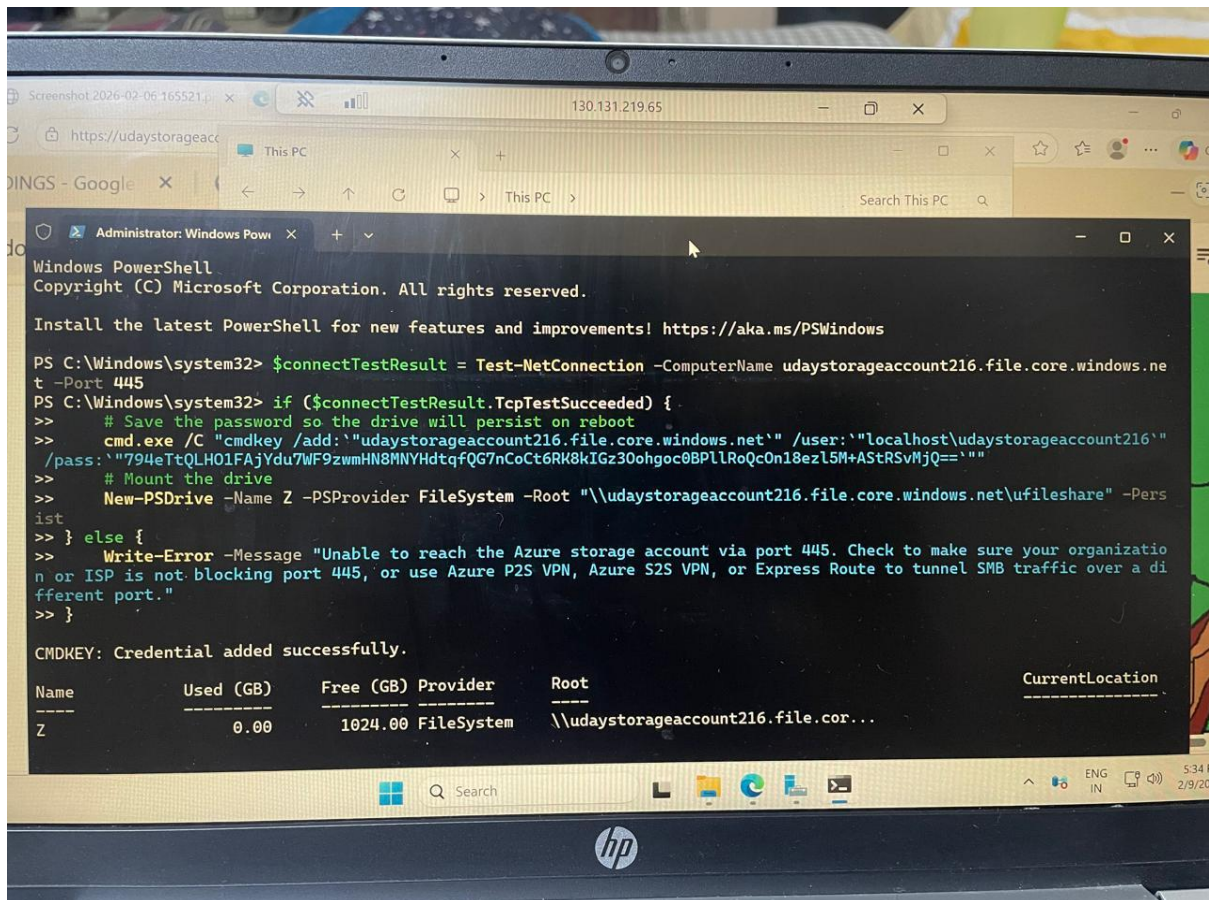
☒ Storage account key

Connecting to a share using the storage account key is only appropriate for admin access. Mounting the Azure file share with the Active Directory or Microsoft Entra identity of the user is preferred. Learn more

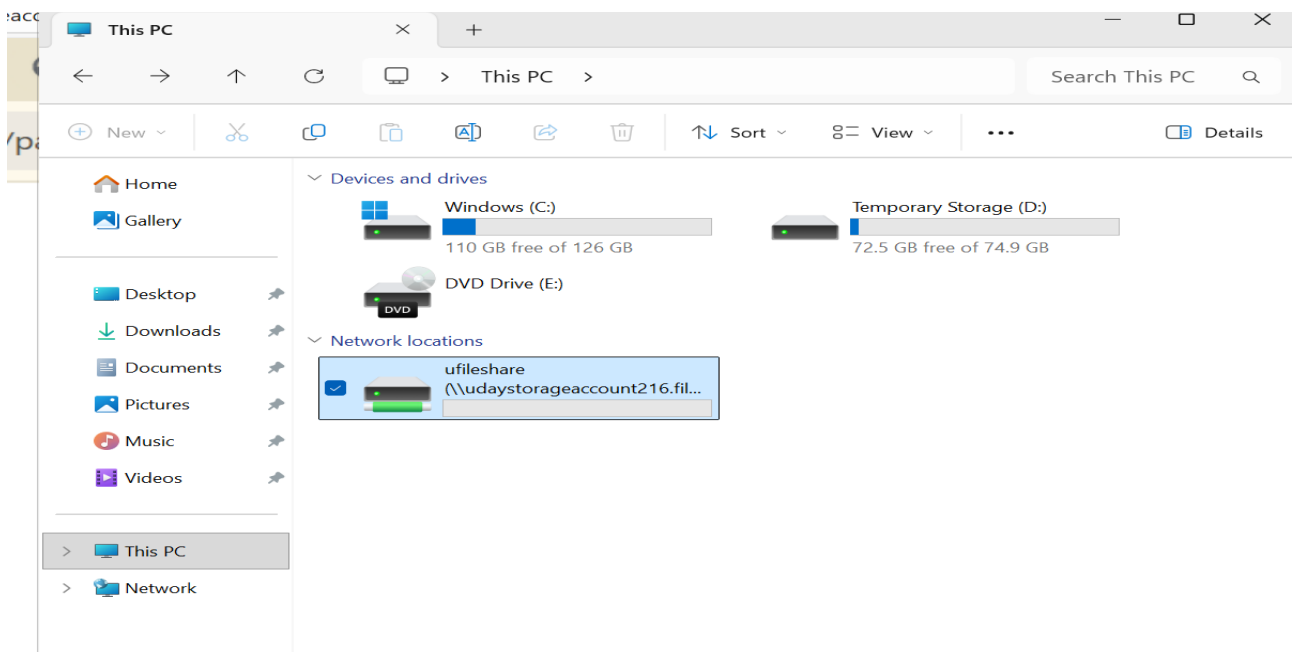
Hide Script

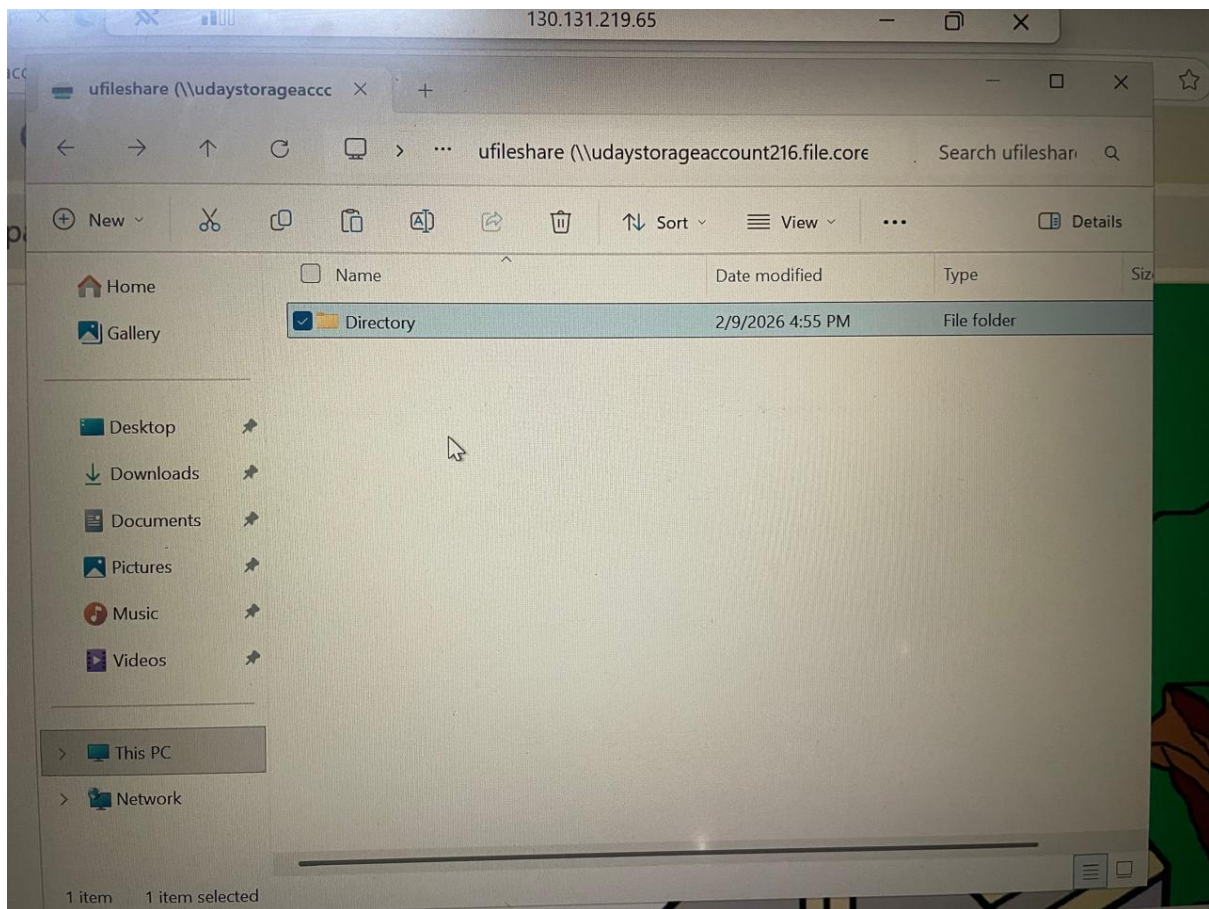
```
$connectTestResult = Test-NetConnection -ComputerName
udaystorageaccount216.file.core.windows.net -Port 445
if ($connectTestResult.TcpTestSucceeded) {
    # Save the password so the drive will persist on reboot
    cmd.exe /C "cmdkey /add:"udaystorageaccount216.file.core.windows.net""
    /user:"localhost\udaystorageaccount216"
    /pass:"794eTQLHO1FAjYdu7WF9zwmHn8MNVHdtqfQG7nCoCt6RK8klGz3O
ohgocIBPIRQcOn18ezISM+ASRSvMjQ==""
    # Mount the drive
    New-PSDrive -Name Z -PSProvider FileSystem -Root
    "\\udaystorageaccount216.file.core.windows.net\ufilesshare" -Persist
} else {
    # Mount the drive using the storage account key
    New-PSDrive -Name Z -PSProvider FileSystem -Root
    "\\udaystorageaccount216.file.core.windows.net\ufilesshare" -Persist
}
```


- ✓ By using File share we can connect to the VM by internal access and share files to within organisation.



- ✓ In VM created new drive with file directory inside it.





- ✓ It's like important files we are storing on our google drive.
- ✓ If any VM crash our data will be secure in cloud.
- ✓ And for data (storage account) it has its own Redundant method like LRS, coping in files in multiple VMs.
- ✓ It stores locally; we can also backup the data but we disabled it. If we want data backup, we can enable it.
- ✓ **File share**- Network shared Folder where we can store centralized data that data can be mapped into our internal machines (team member machines)

❖ Queues

- ✓ After creating endpoint, this endpoint we give to Developer he will add this endpoint in their application so that all the application queues will be stores at in Queues.

krisstore298734 | Queues

Storage account

Search

+ Queue Refresh Delete Give feedback

Storage browser

Storage Mover

Partner solutions

Resource visualizer

Data storage

Containers

File shares

Queues

Tables

Search queues by prefix

Queue	Url
<input type="checkbox"/> asdfas	https://krisstore298734.queue.core.windows.net/asdfas

Successfully created storage queue 'asdfas'

❖ Tables

- ✓ After creating endpoint, this endpoint we give to SQL developer will add this endpoint in their Database, so that all the data will be stored in Tables.

krisstore298734 | Tables

Storage account

Search

+ Table Refresh Delete Give feedback

Storage browser

Storage Mover

Partner solutions

Resource visualizer

Data storage

Containers

File shares

Queues

Tables

Search tables by prefix

Authentication method: Access key (Switch to Microsoft Entra user account)

Table	Url
<input type="checkbox"/> asdf	https://krisstore298734.table.core.windows.net/asdf